

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1. (Currently Amended) A method, comprising:
receiving a request for an information object at an address identified by a uniform resource locator (URL); ~~and~~
mapping the URL to a corresponding anycast address for the information object; ;
resolving the anycast address for the information object to a unicast address for the information object; and
advertising a route to the anycast address with a route to the unicast address.
2. (Canceled)
3. (Currently Amended) The method of claim 2 1 further comprising sending the information object to the client.
4. (Original) The method of claim 3 wherein the request is received at an information object repository that is topologically closer to the client than any other information object repository.
5. (Original) The method of claim 4 wherein the information object repository is selected according to specified performance metrics.
6. (Original) The method of claim 5 wherein the performance metrics comprise one or more of: average delay from the selected information object repository to a source of the request, average processing delay at the selected information object repository, reliability of a path from

the selected information object repository, available bandwidth in said path, and loads on the selected information object repository.

7. (Currently Amended) An information object repository configured to map a uniform resource locator (URL) for an information object to a network layer anycast address- ; and to advertise a route to the anycast address with a route to a unicast address

8. (Currently Amended) The information object repository of claim 7 being further configured to advertise the anycast address using a network layer anycast routing protocol.

9. (Currently Amended) A network, comprising:

at least one client configured to request an information object using a uniform resource locator (URL); and

an information object repository configured to receive the request for the information object and to map the URL into a network layer anycast address- , to resolve the network layer anycast address into a unicast address and to advertise a route to the anycast address with a route to the unicast address.

10. (Canceled)

11. (Currently Amended) The network of claim ~~10~~ 9 wherein the information object repository is topologically closer to the ~~requesting~~ client than any other of a number of information object repositories in the network.

12. (Original) The network of claim 11 further comprising a Web router configured to select the information object repository that is closer to the requesting client than any other of the number of information object repositories in the network without regard as to whether the information object is actually stored at the selected information object repository.

13. (Original) The network of claim 12 wherein the Web router is further configured to select the selected information object repository according to specified performance metrics.
14. (Original) The network of claim 13 wherein the performance metrics comprise one or more of: average delay from the selected information object repository to a source of the request, average processing delay at the selected information object repository, reliability of a path from the selected information object repository, available bandwidth in said path, and loads on the selected information object repository.